Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.004
Model:	OLS	Adj. R-squared:	0.002
Method:	Least Squares	F-statistic:	1.637
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.202
Time:	19:44:23	Log-Likelihood:	-1147.1
No. Observations:	384	AIC:	2298.
Df Residuals:	382	BIC:	2306.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.7176	0.344	16.608	0.000	5.041	6.395
# of past defaults	-0.2790	0.218	-1.279	0.202	-0.708	0.150

Omnibus:	158.633	Durbin-Watson:	2.092
Prob(Omnibus):	0.000	Jarque-Bera (JB):	501.537
Skew:	1.949	Prob(JB):	1.24e-109
Kurtosis:	7.020	Cond. No.	2.74

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.4476994059753423
LM P-Value: 0.4848820066079965
F Statistic: 0.7209125037545431
F P-Value: 0.48697044068505846

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.07340
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.787
Time:	19:44:24	Log-Likelihood:	-651.10
No. Observations:	223	AIC:	1306.
Df Residuals:	221	BIC:	1313.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.2501	0.564	9.313	0.000	4.139	6.361
Adjusted savings: gross savings (% of GNI)	-0.0070	0.026	-0.271	0.787	-0.058	0.044

Omnibus:	118.401	Durbin-Watson:	1.989
Prob(Omnibus):	0.000	Jarque-Bera (JB):	498.470
Skew:	2.225	Prob(JB):	5.74e-109
Kurtosis:	8.818	Cond. No.	40.6

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.0036425586558617162
LM P-Value: 0.998180378194841
F Statistic: 0.0017968071619777896
F P-Value: 0.9982048207781682

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.08401
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.772
Time:	19:44:24	Log-Likelihood:	-651.10
No. Observations:	223	AIC:	1306.
Df Residuals:	221	BIC:	1313.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.0615	0.365	13.864	0.000	4.342	5.781
Adjusted savings: net national savings (% of GNI)	0.0074	0.026	0.290	0.772	-0.043	0.058

Omnibus:	118.365	Durbin-Watson:	1.998
Prob(Omnibus):	0.000	Jarque-Bera (JB):	499.998
Skew:	2.222	Prob(JB):	2.67e-109
Kurtosis:	8.836	Cond. No.	17.3

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.05092995394006594
LM P-Value: 0.9748565207970038
F Statistic: 0.02512813770539684
F P-Value: 0.9751877445226907

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.113
Model:	OLS	Adj. R-squared:	0.086
Method:	Least Squares	F-statistic:	4.093
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0515
Time:	19:44:24	Log-Likelihood:	-97.481
No. Observations:	34	AIC:	199.0
Df Residuals:	32	BIC:	202.0
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.9677	0.788	5.037	0.000	2.363	5.572
Banking Crisis Dummy	5.3656	2.652	2.023	0.051	-0.036	10.768

Omnibus:	44.347	Durbin-Watson:	2.308
Prob(Omnibus):	0.000	Jarque-Bera (JB):	185.612
Skew:	2.858	Prob(JB):	4.95e-41
Kurtosis:	12.917	Cond. No.	3.56

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.9050454109070909
LM P-Value: 0.34143244377595755
F Statistic: 0.8751017642602147
F P-Value: 0.3565530913319753

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.1596
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.690
Time:	19:44:25	Log-Likelihood:	-850.47
No. Observations:	287	AIC:	1705.
Df Residuals:	285	BIC:	1712.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1155	0.358	14.304	0.000	4.412	5.819
Broad money growth (annual %)	0.0049	0.012	0.400	0.690	-0.019	0.029

Omnibus:	138.373	Durbin-Watson:	2.086
Prob(Omnibus):	0.000	Jarque-Bera (JB):	513.420
Skew:	2.145	Prob(JB):	3.25e-112
Kurtosis:	7.953	Cond. No.	37.7

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.12719476332016244
LM P-Value: 0.938382733582702
F Statistic: 0.06296050396468654
F P-Value: 0.9389936613201865

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.016
Model:	OLS	Adj. R-squared:	0.012
Method:	Least Squares	F-statistic:	4.286
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0394
Time:	19:44:25	Log-Likelihood:	-755.56
No. Observations:	263	AIC:	1515.
Df Residuals:	261	BIC:	1522.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.5506	0.303	15.013	0.000	3.954	5.147
Broad money to total reserves ratio	0.0472	0.023	2.070	0.039	0.002	0.092

Omnibus:	143.222	Durbin-Watson:	2.076
Prob(Omnibus):	0.000	Jarque-Bera (JB):	669.551
Skew:	2.314	Prob(JB):	4.06e-146
Kurtosis:	9.299	Cond. No.	15.2

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.9170735359604322
LM P-Value: 0.6322080360846134
F Statistic: 0.4548925078155121
F P-Value: 0.6350201897359711

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.008
Model:	OLS	Adj. R-squared:	0.004
Method:	Least Squares	F-statistic:	2.196
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.140
Time:	19:44:25	Log-Likelihood:	-786.94
No. Observations:	272	AIC:	1578.
Df Residuals:	270	BIC:	1585.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.6623	0.345	13.500	0.000	3.982	5.342
CA	-0.0481	0.032	-1.482	0.140	-0.112	0.016

Omnibus:	143.368	Durbin-Watson:	2.008
Prob(Omnibus):	0.000	Jarque-Bera (JB):	645.853
Skew:	2.254	Prob(JB):	5.68e-141
Kurtosis:	9.055	Cond. No.	13.9

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.636073750448066
LM P-Value: 0.4412971260354309
F Statistic: 0.813910059998724
F P-Value: 0.44421024131018993

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.144
Model:	OLS	Adj. R-squared:	0.129
Method:	Least Squares	F-statistic:	9.890
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00260
Time:	19:44:26	Log-Likelihood:	-133.64
No. Observations:	61	AIC:	271.3
Df Residuals:	59	BIC:	275.5
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	2.3580	0.504	4.679	0.000	1.350	3.366
Central government debt, total (% of GDP)	0.0265	0.008	3.145	0.003	0.010	0.043

Omnibus:	27.939	Durbin-Watson:	2.058
Prob(Omnibus):	0.000	Jarque-Bera (JB):	46.954
Skew:	1.636	Prob(JB):	6.37e-11
Kurtosis:	5.788	Cond. No.	107.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.3057137507877306
LM P-Value: 0.5205564853997722
F Statistic: 0.6343270210948173
F P-Value: 0.5339307521091043

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.002
Method:	Least Squares	F-statistic:	0.3261
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.568
Time:	19:44:26	Log-Likelihood:	-839.48
No. Observations:	286	AIC:	1683.
Df Residuals:	284	BIC:	1690.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.0189	0.298	16.825	0.000	4.432	5.606
Claims on central government, etc. (% GDP)	0.0078	0.014	0.571	0.568	-0.019	0.035

Omnibus:	148.419	Durbin-Watson:	2.073
Prob(Omnibus):	0.000	Jarque-Bera (JB):	634.180
Skew:	2.261	Prob(JB):	1.95e-138
Kurtosis:	8.724	Cond. No.	24.1

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.09245067787797656
LM P-Value: 0.9548267782938313
F Statistic: 0.045755248333771856
F P-Value: 0.9552828042347324

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.012
Model:	OLS	Adj. R-squared:	0.009
Method:	Least Squares	F-statistic:	0.4102
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.522
Time:	19:44:26	Log-Likelihood:	-838.56
No. Observations:	285	AIC:	1681.
Df Residuals:	283	BIC:	1688.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	4.8601	0.495	9.818	0.000	3.890	5.830
Claims on private sector (annual growth as % of broad money)	0.0236	0.037	0.640	0.522	-0.049	0.096

Omnibus:	136.082	Durbin-Watson:	2.111
Prob(Omnibus):	0.000	Jarque-Bera (JB):	509.116
Skew:	2.111	Prob(JB):	2.80e-111
Kurtosis:	8.005	Cond. No.	29.4

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 5.7576411286377365
LM P-Value: 0.05620100923537742
F Statistic: 2.9072501837441616
F P-Value: 0.05626492676939777

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.082
Model:	OLS	Adj. R-squared:	0.079
Method:	Least Squares	F-statistic:	24.48
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	1.31e-06
Time:	19:44:27	Log-Likelihood:	-799.90
No. Observations:	279	AIC:	1604.
Df Residuals:	277	BIC:	1611.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	6.9506	0.583	11.913	0.000	5.807	8.094
Consumer price index (2010 = 100)	-0.0310	0.006	-4.947	0.000	-0.043	-0.019

Omnibus:	132.323	Durbin-Watson:	1.973
Prob(Omnibus):	0.000	Jarque-Bera (JB):	530.367
Skew:	2.045	Prob(JB):	6.80e-116
Kurtosis:	8.375	Cond. No.	141.

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 12.412679279414796
LM P-Value: 0.002016605473660293
F Statistic: 6.425473409347224
F P-Value: 0.0018727057915991737

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.031
Model:	OLS	Adj. R-squared:	0.014
Method:	Least Squares	F-statistic:	1.767
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.189
Time:	19:44:27	Log-Likelihood:	-135.67
No. Observations:	57	AIC:	275.3
Df Residuals:	55	BIC:	279.4
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.4187	0.466	7.329	0.000	2.484	4.353
Cyclically adjusted balance (% of potential GDP)	-0.1093	0.082	-1.329	0.189	-0.274	0.055

Omnibus:	33.687	Durbin-Watson:	1.288
Prob(Omnibus):	0.000	Jarque-Bera (JB):	68.071
Skew:	1.941	Prob(JB):	1.65e-15
Kurtosis:	6.687	Cond. No.	7.61

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.7148306689449577
LM P-Value: 0.42425722944931177
F Statistic: 0.837483698101035
F P-Value: 0.4383411957261425

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.055
Model:	OLS	Adj. R-squared:	0.037
Method:	Least Squares	F-statistic:	3.117
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0831
Time:	19:44:27	Log-Likelihood:	-133.10
No. Observations:	56	AIC:	270.2
Df Residuals:	54	BIC:	274.2
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.5791	0.380	9.412	0.000	2.817	4.341
Cyclically adjusted primary balance (% of potential GDP)	-0.1533	0.087	-1.765	0.083	-0.327	0.021

Omnibus:	34.844	Durbin-Watson:	1.218
Prob(Omnibus):	0.000	Jarque-Bera (JB):	74.611
Skew:	1.990	Prob(JB):	6.29e-17
Kurtosis:	7.018	Cond. No.	4.73

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.056789696353662
LM P-Value: 0.3575804711053924
F Statistic: 1.010413111243544
F P-Value: 0.3709729044587442

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.006696
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.935
Time:	19:44:28	Log-Likelihood:	-762.50
No. Observations:	256	AIC:	1529.
Df Residuals:	254	BIC:	1536.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.5331	2.476	2.235	0.026	0.657	10.409
ln_Debt service on external debt, total (TDS, current US$)	-0.0106	0.130	-0.082	0.935	-0.266	0.245

Omnibus:	119.405	Durbin-Watson:	2.192
Prob(Omnibus):	0.000	Jarque-Bera (JB):	409.912
Skew:	2.064	Prob(JB):	9.74e-90
Kurtosis:	7.626	Cond. No.	159.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.07349847081962935
LM P-Value: 0.9639178215021037
F Statistic: 0.03632901048984544
F P-Value: 0.9643279984387996

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.009
Model:	OLS	Adj. R-squared:	0.005
Method:	Least Squares	F-statistic:	2.274
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.133
Time:	19:44:28	Log-Likelihood:	-717.26
No. Observations:	244	AIC:	1439.
Df Residuals:	242	BIC:	1446.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.5294	0.401	13.797	0.000	4.740	6.319
Domestic credit to private sector (% of GDP)	-0.0134	0.009	-1.508	0.133	-0.031	0.004

Omnibus:	129.350	Durbin-Watson:	2.059
Prob(Omnibus):	0.000	Jarque-Bera (JB):	547.952
Skew:	2.260	Prob(JB):	1.03e-119
Kurtosis:	8.785	Cond. No.	61.5

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.8280782966431661
LM P-Value: 0.660975074694621
F Statistic: 0.4103411037201408
F P-Value: 0.6638865421541171

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.002
Method:	Least Squares	F-statistic:	0.09540
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.758
Time:	19:44:29	Log-Likelihood:	-1147.9
No. Observations:	384	AIC:	2300.
Df Residuals:	382	BIC:	2308.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.5069	0.402	13.709	0.000	4.717	6.297
Dummy for past default	-0.1569	0.508	-0.309	0.758	-1.156	0.842

Omnibus:	159.006	Durbin-Watson:	2.080
Prob(Omnibus):	0.000	Jarque-Bera (JB):	502.155
Skew:	1.955	Prob(JB):	9.09e-110
Kurtosis:	7.012	Cond. No.	3.03

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.005187544127892352
LM P-Value: 0.9425823245170013
F Statistic: 0.005160595384569216
F P-Value: 0.9427689967644894

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.047
Model:	OLS	Adj. R-squared:	0.043
Method:	Least Squares	F-statistic:	18.83
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	2.04e-05
Time:	19:44:29	Log-Likelihood:	-780.84
No. Observations:	267	AIC:	1566.
Df Residuals:	265	BIC:	1573.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	6.8657	0.551	12.457	0.000	5.785	7.946
Exports of goods and services (% of GDP)	-0.0524	0.012	-4.339	0.000	-0.076	-0.029

Omnibus:	124.327	Durbin-Watson:	2.135
Prob(Omnibus):	0.000	Jarque-Bera (JB):	448.111
Skew:	2.045	Prob(JB):	4.94e-98
Kurtosis:	7.854	Cond. No.	70.5

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 4.773738516982163
LM P-Value: 0.09191700225737807
F Statistic: 2.40301440701603
F P-Value: 0.09242079500649854

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.008
Model:	OLS	Adj. R-squared:	0.003
Method:	Least Squares	F-statistic:	1.692
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.195
Time:	19:44:29	Log-Likelihood:	-633.54
No. Observations:	218	AIC:	1271.
Df Residuals:	216	BIC:	1278.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.2939	0.315	16.818	0.000	4.673	5.914
Exports of goods and services (annual % growth)	-0.0176	0.014	-1.301	0.195	-0.044	0.009

Omnibus:	110.988	Durbin-Watson:	2.147
Prob(Omnibus):	0.000	Jarque-Bera (JB):	431.410
Skew:	2.146	Prob(JB):	2.09e-94
Kurtosis:	8.392	Cond. No.	24.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.2916171452617149
LM P-Value: 0.8643231424545846
F Statistic: 0.14399465332738418
F P-Value: 0.8659758133120095

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.3342
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.564
Time:	19:44:30	Log-Likelihood:	-787.11
No. Observations:	267	AIC:	1578.
Df Residuals:	265	BIC:	1585.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1159	0.340	15.036	0.000	4.446	5.786
External balance on goods and services (% of GDP)	-0.0103	0.018	-0.578	0.564	-0.046	0.025

Omnibus:	128.812	Durbin-Watson:	2.098
Prob(Omnibus):	0.000	Jarque-Bera (JB):	478.145
Skew:	2.118	Prob(JB):	1.49e-104
Kurtosis:	8.003	Cond. No.	22.9

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.675861781630986
LM P-Value: 0.4326047043981681
F Statistic: 0.8337490763589193
F P-Value: 0.43555812905412317

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.2363
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.627
Time:	19:44:30	Log-Likelihood:	-725.19
No. Observations:	245	AIC:	1454.
Df Residuals:	243	BIC:	1461.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1165	0.440	11.615	0.000	4.249	5.984
External debt stocks (% of GNI)	0.0025	0.005	0.486	0.627	-0.008	0.013

Omnibus:	118.576	Durbin-Watson:	2.144
Prob(Omnibus):	0.000	Jarque-Bera (JB):	432.135
Skew:	2.103	Prob(JB):	1.46e-94
Kurtosis:	7.964	Cond. No.	127.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.422402155781246
LM P-Value: 0.4910540489634432
F Statistic: 0.7065947869294785
F P-Value: 0.4943360850190657

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.008
Model:	OLS	Adj. R-squared:	0.004
Method:	Least Squares	F-statistic:	2.019
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.157
Time:	19:44:30	Log-Likelihood:	-624.74
No. Observations:	246	AIC:	1253.
Df Residuals:	244	BIC:	1260.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	5.7490	1.195	4.812	0.000	3.407	8.091
Food Price Index	-0.0175	0.012	-1.421	0.155	-0.042	0.007

Omnibus:	77.086	Durbin-Watson:	1.764
Prob(Omnibus):	0.000	Jarque-Bera (JB):	153.986
Skew:	1.601	Prob(JB):	3.65e-34
Kurtosis:	5.184	Cond. No.	530.

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 9.19414025204944
LM P-Value: 0.01008132954204201
F Statistic: 4.717315871376677
F P-Value: 0.00977386930345815

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.02882
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.865
Time:	19:44:31	Log-Likelihood:	-590.88
No. Observations:	238	AIC:	1186.
Df Residuals:	236	BIC:	1193.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.0246	0.194	20.739	0.000	3.642	4.407
Food Price Index (% change)	-0.3179	1.873	-0.170	0.865	-4.008	3.372

Omnibus:	90.701	Durbin-Watson:	1.745
Prob(Omnibus):	0.000	Jarque-Bera (JB):	226.149
Skew:	1.790	Prob(JB):	7.80e-50
Kurtosis:	6.161	Cond. No.	9.94

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.43851792913685395
LM P-Value: 0.8031137132256925
F Statistic: 0.21689482749652791
F P-Value: 0.8051755997891124

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.006
Model:	OLS	Adj. R-squared:	0.003
Method:	Least Squares	F-statistic:	1.796
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.181
Time:	19:44:31	Log-Likelihood:	-886.17
No. Observations:	303	AIC:	1776.
Df Residuals:	301	BIC:	1784.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1946	0.283	18.330	0.000	4.637	5.752
Foreign direct investment, net inflows (% of GDP)	-0.0334	0.025	-1.340	0.181	-0.082	0.016

Omnibus:	152.761	Durbin-Watson:	2.128
Prob(Omnibus):	0.000	Jarque-Bera (JB):	634.797
Skew:	2.218	Prob(JB):	1.43e-138
Kurtosis:	8.532	Cond. No.	12.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 4.521423359622792
LM P-Value: 0.10427624704132997
F Statistic: 2.2722351184372225
F P-Value: 0.1048529071575612

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.002
Method:	Least Squares	F-statistic:	0.3076
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.580
Time:	19:44:31	Log-Likelihood:	-912.12
No. Observations:	313	AIC:	1828.
Df Residuals:	311	BIC:	1836.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	6.8531	3.139	2.184	0.030	0.678	13.029
ln_GDP (constant 2015 US$)	-0.0754	0.136	-0.555	0.580	-0.343	0.192

Omnibus:	149.019	Durbin-Watson:	2.038
Prob(Omnibus):	0.000	Jarque-Bera (JB):	579.224
Skew:	2.113	Prob(JB):	1.67e-126
Kurtosis:	8.153	Cond. No.	287.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.7321610636372198
LM P-Value: 0.6934469544167154
F Statistic: 0.3634218792761867
F P-Value: 0.6955888720976412

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.018
Model:	OLS	Adj. R-squared:	0.015
Method:	Least Squares	F-statistic:	5.804
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0166
Time:	19:44:32	Log-Likelihood:	-904.40
No. Observations:	311	AIC:	1813.
Df Residuals:	309	BIC:	1820.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.5091	0.298	18.514	0.000	4.924	6.095
GDP growth (annual %)	-0.1010	0.042	-2.409	0.017	-0.183	-0.019

Omnibus:	152.508	Durbin-Watson:	2.047
Prob(Omnibus):	0.000	Jarque-Bera (JB):	630.164
Skew:	2.154	Prob(JB):	1.45e-137
Kurtosis:	8.484	Cond. No.	8.43

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.09659264599985573
LM P-Value: 0.9528513934563142
F Statistic: 0.047845302213230675
F P-Value: 0.9532883298776946

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.004
Model:	OLS	Adj. R-squared:	0.001
Method:	Least Squares	F-statistic:	1.464
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.227
Time:	19:44:32	Log-Likelihood:	-989.62
No. Observations:	333	AIC:	1983.
Df Residuals:	331	BIC:	1991.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	6.4407	0.980	6.572	0.000	4.513	8.369
GDP growth China (annual %)	-0.1183	0.098	-1.210	0.227	-0.311	0.074

Omnibus:	151.379	Durbin-Watson:	2.156
Prob(Omnibus):	0.000	Jarque-Bera (JB):	539.129
Skew:	2.067	Prob(JB):	8.50e-118
Kurtosis:	7.665	Cond. No.	38.2

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.2718130662385252
LM P-Value: 0.8729242181796733
F Statistic: 0.13479217478584954
F P-Value: 0.8739456003836106

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.002
Method:	Least Squares	F-statistic:	0.2746
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.601
Time:	19:44:32	Log-Likelihood:	-990.21
No. Observations:	333	AIC:	1984.
Df Residuals:	331	BIC:	1992.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1481	0.386	13.350	0.000	4.390	5.907
GDP growth USA (annual %)	0.0644	0.123	0.524	0.601	-0.177	0.306

Omnibus:	148.596	Durbin-Watson:	2.136
Prob(Omnibus):	0.000	Jarque-Bera (JB):	511.514
Skew:	2.042	Prob(JB):	8.43e-112
Kurtosis:	7.494	Cond. No.	4.92

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.1193860353353458
LM P-Value: 0.2102005891644388
F Statistic: 1.560257481167004
F P-Value: 0.21162770029364794

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.029
Model:	OLS	Adj. R-squared:	0.026
Method:	Least Squares	F-statistic:	9.209
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00261
Time:	19:44:33	Log-Likelihood:	-902.56
No. Observations:	311	AIC:	1809.
Df Residuals:	309	BIC:	1817.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	10.1786	1.687	6.033	0.000	6.859	13.498
ln_GDP per capita (constant 2015 US$)	-0.6551	0.216	-3.035	0.003	-1.080	-0.230

Omnibus:	145.941	Durbin-Watson:	2.026
Prob(Omnibus):	0.000	Jarque-Bera (JB):	555.319
Skew:	2.086	Prob(JB):	2.59e-121
Kurtosis:	8.045	Cond. No.	53.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.3252036853466582
LM P-Value: 0.3126715993257453
F Statistic: 1.160060269962458
F P-Value: 0.31483304273984636

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.03292
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.856
Time:	19:44:33	Log-Likelihood:	-755.81
No. Observations:	255	AIC:	1516.
Df Residuals:	253	BIC:	1523.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1740	0.725	7.141	0.000	3.747	6.601
General government final consumption expenditure (% of GDP)	0.0079	0.043	0.181	0.856	-0.077	0.093

Omnibus:	120.395	Durbin-Watson:	2.107
Prob(Omnibus):	0.000	Jarque-Bera (JB):	423.429
Skew:	2.078	Prob(JB):	1.13e-92
Kurtosis:	7.752	Cond. No.	41.3

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.009973933908716814
LM P-Value: 0.9950254473202444
F Statistic: 0.004928489525200997
F P-Value: 0.9950837314642242

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.002
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.3757
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.541
Time:	19:44:33	Log-Likelihood:	-587.27
No. Observations:	200	AIC:	1179.
Df Residuals:	198	BIC:	1185.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.1885	0.364	14.256	0.000	4.471	5.906
General government final consumption expenditure (annual % growth)	0.0205	0.033	0.613	0.541	-0.045	0.086

Omnibus:	98.611	Durbin-Watson:	2.209
Prob(Omnibus):	0.000	Jarque-Bera (JB):	344.998
Skew:	2.085	Prob(JB):	1.22e-75
Kurtosis:	7.900	Cond. No.	12.3

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.401859159522889
LM P-Value: 0.49612390263098993
F Statistic: 0.6952891231943538
F P-Value: 0.5001502797059663

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.005
Model:	OLS	Adj. R-squared:	0.001
Method:	Least Squares	F-statistic:	1.348
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.247
Time:	19:44:34	Log-Likelihood:	-777.69
No. Observations:	263	AIC:	1559.
Df Residuals:	261	BIC:	1567.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	6.0668	0.717	8.458	0.000	4.654	7.479
Gross capital formation (% of GDP)	-0.0322	0.028	-1.161	0.247	-0.087	0.022

Omnibus:	120.176	Durbin-Watson:	2.102
Prob(Omnibus):	0.000	Jarque-Bera (JB):	406.710
Skew:	2.031	Prob(JB):	4.83e-89
Kurtosis:	7.540	Cond. No.	64.5

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.140955273958355
LM P-Value: 0.5652553873357415
F Statistic: 0.5664275823268279
F P-Value: 0.568248103136731

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.005
Method:	Least Squares	F-statistic:	0.1451
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.704
Time:	19:44:34	Log-Likelihood:	-447.01
No. Observations:	185	AIC:	898.0
Df Residuals:	183	BIC:	904.5
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.7062	0.296	12.517	0.000	3.122	4.290
Gross debt (% of GDP)	0.0014	0.004	0.381	0.704	-0.006	0.009

Omnibus:	94.600	Durbin-Watson:	1.694
Prob(Omnibus):	0.000	Jarque-Bera (JB):	346.071
Skew:	2.112	Prob(JB):	7.10e-76
Kurtosis:	8.202	Cond. No.	119.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.9933825685098725
LM P-Value: 0.22386965714053914
F Statistic: 1.4966368672662849
F P-Value: 0.22662402718318225

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.2279
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.633
Time:	19:44:34	Log-Likelihood:	-757.61
No. Observations:	258	AIC:	1519.
Df Residuals:	256	BIC:	1526.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.3626	0.378	14.191	0.000	4.618	6.107
Gross domestic savings (% of GDP)	-0.0082	0.017	-0.477	0.633	-0.042	0.026

Omnibus:	124.634	Durbin-Watson:	2.074
Prob(Omnibus):	0.000	Jarque-Bera (JB):	464.618
Skew:	2.105	Prob(JB):	1.29e-101
Kurtosis:	8.049	Cond. No.	29.3

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.18284065018652473
LM P-Value: 0.9126340272863559
F Statistic: 0.09042137830380692
F P-Value: 0.9135754331432948

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.004
Method:	Least Squares	F-statistic:	0.01207
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.913
Time:	19:44:35	Log-Likelihood:	-752.70
No. Observations:	256	AIC:	1509.
Df Residuals:	254	BIC:	1516.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.0168	2.142	2.342	0.020	0.798	9.236
Gross national expenditure (% of GDP)	0.0021	0.019	0.110	0.913	-0.036	0.040

Omnibus:	123.291	Durbin-Watson:	2.086
Prob(Omnibus):	0.000	Jarque-Bera (JB):	456.701
Skew:	2.098	Prob(JB):	6.74e-100
Kurtosis:	8.021	Cond. No.	821.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.4172635611715236
LM P-Value: 0.492317334991737
F Statistic: 0.7042262291468373
F P-Value: 0.4954577193136578

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.028
Model:	OLS	Adj. R-squared:	0.024
Method:	Least Squares	F-statistic:	7.543
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00644
Time:	19:44:35	Log-Likelihood:	-783.53
No. Observations:	267	AIC:	1571.
Df Residuals:	265	BIC:	1578.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	6.7170	0.611	10.992	0.000	5.514	7.920
Imports of goods and services (% of GDP)	-0.0356	0.013	-2.747	0.006	-0.061	-0.010

Omnibus:	125.282	Durbin-Watson:	2.118
Prob(Omnibus):	0.000	Jarque-Bera (JB):	454.859
Skew:	2.060	Prob(JB):	1.69e-99
Kurtosis:	7.891	Cond. No.	103.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.440252119634759
LM P-Value: 0.1790435762883059
F Statistic: 1.7229993708975564
F P-Value: 0.18053130142634977

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.015
Model:	OLS	Adj. R-squared:	0.010
Method:	Least Squares	F-statistic:	3.280
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0715
Time:	19:44:35	Log-Likelihood:	-632.74
No. Observations:	218	AIC:	1269.
Df Residuals:	216	BIC:	1276.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.3407	0.314	17.024	0.000	4.722	5.959
Imports of goods and services (annual % growth)	-0.0352	0.019	-1.811	0.072	-0.073	0.003

Omnibus:	111.741	Durbin-Watson:	2.176
Prob(Omnibus):	0.000	Jarque-Bera (JB):	438.828
Skew:	2.158	Prob(JB):	5.12e-96
Kurtosis:	8.448	Cond. No.	16.9

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.6548305246258235
LM P-Value: 0.7207843662879154
F Statistic: 0.3238824288903848
F P-Value: 0.7236875789605801

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.1159
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.734
Time:	19:44:36	Log-Likelihood:	-788.65
No. Observations:	273	AIC:	1581.
Df Residuals:	271	BIC:	1589.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.9791	0.323	15.412	0.000	4.343	5.615
Inflation, consumer prices (annual %)	-0.0066	0.019	-0.340	0.734	-0.045	0.032

Omnibus:	141.810	Durbin-Watson:	2.018
Prob(Omnibus):	0.000	Jarque-Bera (JB):	616.835
Skew:	2.234	Prob(JB):	1.14e-134
Kurtosis:	8.853	Cond. No.	20.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.21620595802232967
LM P-Value: 0.897535164387522
F Statistic: 0.10699977407207972
F P-Value: 0.8985639573432483

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.019
Model:	OLS	Adj. R-squared:	0.012
Method:	Least Squares	F-statistic:	2.633
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.107
Time:	19:44:36	Log-Likelihood:	-351.48
No. Observations:	135	AIC:	707.0
Df Residuals:	133	BIC:	712.8
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.6552	0.377	9.688	0.000	2.909	4.402
Interest payments (% of revenue)	0.0405	0.025	1.623	0.107	-0.009	0.090

Omnibus:	95.237	Durbin-Watson:	1.757
Prob(Omnibus):	0.000	Jarque-Bera (JB):	532.212
Skew:	2.621	Prob(JB):	2.70e-116
Kurtosis:	11.193	Cond. No.	20.2

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.0168872408863168
LM P-Value: 0.6014309055279881
F Statistic: 0.5009180374780631
F P-Value: 0.6071212830278462

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.007
Model:	OLS	Adj. R-squared:	-0.010
Method:	Least Squares	F-statistic:	0.4203
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.519
Time:	19:44:36	Log-Likelihood:	-139.58
No. Observations:	62	AIC:	283.2
Df Residuals:	60	BIC:	287.4
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.4800	0.368	9.452	0.000	2.744	4.216
Net debt (% of GDP)	-0.0027	0.004	-0.648	0.519	-0.011	0.006

Omnibus:	43.415	Durbin-Watson:	1.906
Prob(Omnibus):	0.000	Jarque-Bera (JB):	116.660
Skew:	2.245	Prob(JB):	4.65e-26
Kurtosis:	8.000	Cond. No.	108.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.0079060869277967
LM P-Value: 0.3664280683110125
F Statistic: 0.9873505940665828
F P-Value: 0.37863326200038616

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.037
Model:	OLS	Adj. R-squared:	0.033
Method:	Least Squares	F-statistic:	7.737
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00593
Time:	19:44:37	Log-Likelihood:	-479.19
No. Observations:	201	AIC:	962.4
Df Residuals:	199	BIC:	969.0
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.5793	0.206	17.364	0.000	3.173	3.986
Net lending/borrowing (overall balance) (% of GDP)	-0.0842	0.030	-2.782	0.006	-0.144	-0.025

Omnibus:	98.271	Durbin-Watson:	1.712
Prob(Omnibus):	0.000	Jarque-Bera (JB):	349.281
Skew:	2.055	Prob(JB):	1.43e-76
Kurtosis:	7.981	Cond. No.	7.58

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 2.5164535555535257
LM P-Value: 0.28415745433607265
F Statistic: 1.255161480448096
F P-Value: 0.28728762689168214

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.586
Model:	OLS	Adj. R-squared:	0.482
Method:	Least Squares	F-statistic:	5.653
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0762
Time:	19:44:37	Log-Likelihood:	-13.520
No. Observations:	6	AIC:	31.04
Df Residuals:	4	BIC:	30.62
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	-64.2541	28.800	-2.231	0.090	-144.214	15.706
ln_Net official aid received (current US$)	3.6883	1.551	2.378	0.076	-0.619	7.995

Omnibus:	nan	Durbin-Watson:	2.008
Prob(Omnibus):	nan	Jarque-Bera (JB):	0.312
Skew:	-0.021	Prob(JB):	0.856
Kurtosis:	1.884	Cond. No.	466.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.8714112647378705
LM P-Value: 0.14432239433179683
F Statistic: 2.728153541783953
F P-Value: 0.21130548167966492

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.018
Model:	OLS	Adj. R-squared:	0.015
Method:	Least Squares	F-statistic:	1.558
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.213
Time:	19:44:38	Log-Likelihood:	-926.98
No. Observations:	315	AIC:	1858.
Df Residuals:	313	BIC:	1865.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	5.5612	0.448	12.402	0.000	4.682	6.440
ln_Official exchange rate (LCU per US$, period average)	-0.1626	0.130	-1.248	0.212	-0.418	0.093

Omnibus:	142.290	Durbin-Watson:	2.038
Prob(Omnibus):	0.000	Jarque-Bera (JB):	506.588
Skew:	2.034	Prob(JB):	9.91e-111
Kurtosis:	7.696	Cond. No.	5.50

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 13.369127213588067
LM P-Value: 0.0012500601525396514
F Statistic: 6.914358023280208
F P-Value: 0.0011528610524427125

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.002
Method:	Least Squares	F-statistic:	0.1789
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.673
Time:	19:44:38	Log-Likelihood:	-990.26
No. Observations:	333	AIC:	1985.
Df Residuals:	331	BIC:	1992.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.5184	0.584	9.451	0.000	4.370	6.667
Oil price	-0.0030	0.007	-0.423	0.673	-0.017	0.011

Omnibus:	149.647	Durbin-Watson:	2.138
Prob(Omnibus):	0.000	Jarque-Bera (JB):	521.348
Skew:	2.052	Prob(JB):	6.18e-114
Kurtosis:	7.554	Cond. No.	187.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.41563034836842516
LM P-Value: 0.8123571674136749
F Statistic: 0.2062003321221058
F P-Value: 0.8137748118322932

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.1487
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.700
Time:	19:44:38	Log-Likelihood:	-990.28
No. Observations:	333	AIC:	1985.
Df Residuals:	331	BIC:	1992.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.3019	0.261	20.353	0.000	4.789	5.814
Oil price (% change)	-0.4298	1.115	-0.386	0.700	-2.623	1.763

Omnibus:	148.690	Durbin-Watson:	2.149
Prob(Omnibus):	0.000	Jarque-Bera (JB):	511.071
Skew:	2.044	Prob(JB):	1.05e-111
Kurtosis:	7.486	Cond. No.	4.28

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.1395496672834051
LM P-Value: 0.5656527903402082
F Statistic: 0.5665806061350434
F P-Value: 0.5680135193581776

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.006
Method:	Least Squares	F-statistic:	0.02775
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.868
Time:	19:44:39	Log-Likelihood:	-402.33
No. Observations:	170	AIC:	808.7
Df Residuals:	168	BIC:	814.9
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.7754	0.241	15.696	0.000	3.301	4.250
PV:GE	0.0479	0.288	0.167	0.868	-0.520	0.616

Omnibus:	67.888	Durbin-Watson:	1.737
Prob(Omnibus):	0.000	Jarque-Bera (JB):	155.457
Skew:	1.820	Prob(JB):	1.75e-34
Kurtosis:	5.950	Cond. No.	1.94

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.5579971556570893
LM P-Value: 0.4588652991806208
F Statistic: 0.7723297057776384
F P-Value: 0.4635783985597197

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.014
Model:	OLS	Adj. R-squared:	0.008
Method:	Least Squares	F-statistic:	2.648
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.105
Time:	19:44:39	Log-Likelihood:	-467.10
No. Observations:	194	AIC:	938.2
Df Residuals:	192	BIC:	944.7
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.8159	0.198	19.320	0.000	3.426	4.205
Primary net lending/borrowing (primary balance) (% of GDP)	-0.0541	0.033	-1.627	0.105	-0.120	0.011

Omnibus:	95.659	Durbin-Watson:	1.639
Prob(Omnibus):	0.000	Jarque-Bera (JB):	344.714
Skew:	2.051	Prob(JB):	1.40e-75
Kurtosis:	8.081	Cond. No.	6.05

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.3054263817509457
LM P-Value: 0.8583758765436615
F Statistic: 0.15058872797697617
F P-Value: 0.8603034311247139

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.002
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.4069
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.524
Time:	19:44:39	Log-Likelihood:	-474.22
No. Observations:	186	AIC:	952.4
Df Residuals:	184	BIC:	958.9
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.3550	0.265	16.413	0.000	3.832	4.879
Real interest rate (%)	-0.0113	0.018	-0.638	0.524	-0.046	0.024

Omnibus:	71.438	Durbin-Watson:	1.455
Prob(Omnibus):	0.000	Jarque-Bera (JB):	166.659
Skew:	1.760	Prob(JB):	6.46e-37
Kurtosis:	6.019	Cond. No.	17.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.6503719173823477
LM P-Value: 0.7223930058930046
F Statistic: 0.32106366252841656
F P-Value: 0.7257848283177983

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.086
Model:	OLS	Adj. R-squared:	0.084
Method:	Least Squares	F-statistic:	33.99
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	1.32e-08
Time:	19:44:40	Log-Likelihood:	-975.30
No. Observations:	333	AIC:	1955.
Df Residuals:	331	BIC:	1962.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	2.2762	0.416	5.476	0.000	1.461	3.091
Real interest rate USA (%)	0.6470	0.111	5.830	0.000	0.429	0.864

Omnibus:	131.404	Durbin-Watson:	2.047
Prob(Omnibus):	0.000	Jarque-Bera (JB):	409.424
Skew:	1.818	Prob(JB):	1.24e-89
Kurtosis:	7.037	Cond. No.	12.7

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 19.006172731003492
LM P-Value: 7.462116592194784e-05
F Statistic: 9.987516404037363
F P-Value: 6.147304104022847e-05

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.000
Model:	OLS	Adj. R-squared:	-0.005
Method:	Least Squares	F-statistic:	0.02003
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.888
Time:	19:44:40	Log-Likelihood:	-491.22
No. Observations:	205	AIC:	986.4
Df Residuals:	203	BIC:	993.1
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.8687	0.456	8.483	0.000	2.969	4.768
Revenue (% of GDP)	-0.0025	0.018	-0.142	0.888	-0.037	0.032

Omnibus:	101.782	Durbin-Watson:	1.759
Prob(Omnibus):	0.000	Jarque-Bera (JB):	381.215
Skew:	2.072	Prob(JB):	1.66e-83
Kurtosis:	8.240	Cond. No.	63.4

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.723896952052462
LM P-Value: 0.42233836390354185
F Statistic: 0.8565374362584557
F P-Value: 0.42616619557871416

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.001
Model:	OLS	Adj. R-squared:	-0.003
Method:	Least Squares	F-statistic:	0.1834
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.669
Time:	19:44:40	Log-Likelihood:	-768.10
No. Observations:	258	AIC:	1540.
Df Residuals:	256	BIC:	1547.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.2166	0.409	12.747	0.000	4.411	6.023
Short-term debt (% of total external debt)	0.0105	0.024	0.428	0.669	-0.038	0.059

Omnibus:	119.848	Durbin-Watson:	2.211
Prob(Omnibus):	0.000	Jarque-Bera (JB):	411.857
Skew:	2.056	Prob(JB):	3.69e-90
Kurtosis:	7.627	Cond. No.	23.1

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.1364612431560965
LM P-Value: 0.5665269529754247
F Statistic: 0.5641081221713165
F P-Value: 0.5695755314655474

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.006
Model:	OLS	Adj. R-squared:	0.001
Method:	Least Squares	F-statistic:	1.209
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.273
Time:	19:44:41	Log-Likelihood:	-641.48
No. Observations:	220	AIC:	1287.
Df Residuals:	218	BIC:	1294.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.9559	0.309	16.014	0.000	4.346	5.566
Short-term debt (% of total reserves)	0.0004	0.000	1.099	0.273	-0.000	0.001

Omnibus:	115.440	Durbin-Watson:	2.158
Prob(Omnibus):	0.000	Jarque-Bera (JB):	466.604
Skew:	2.210	Prob(JB):	4.77e-102
Kurtosis:	8.601	Cond. No.	786.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.8921232032997026
LM P-Value: 0.3882671669710983
F Statistic: 0.9412560911285861
F P-Value: 0.3917243904115876

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.016
Model:	OLS	Adj. R-squared:	0.013
Method:	Least Squares	F-statistic:	4.598
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.0329
Time:	19:44:41	Log-Likelihood:	-820.01
No. Observations:	284	AIC:	1644.
Df Residuals:	282	BIC:	1651.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	9.9538	2.369	4.202	0.000	5.291	14.617
ln_TRes	-0.2500	0.117	-2.144	0.033	-0.480	-0.020

Omnibus:	142.547	Durbin-Watson:	2.046
Prob(Omnibus):	0.000	Jarque-Bera (JB):	580.563
Skew:	2.193	Prob(JB):	8.56e-127
Kurtosis:	8.461	Cond. No.	187.

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.5605648369440708
LM P-Value: 0.45827656725949417
F Statistic: 0.7763057572468991
F P-Value: 0.4610868031941423

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.098
Model:	OLS	Adj. R-squared:	0.094
Method:	Least Squares	F-statistic:	7.245
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00763
Time:	19:44:41	Log-Likelihood:	-674.81
No. Observations:	231	AIC:	1354.
Df Residuals:	229	BIC:	1361.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	3.6144	0.556	6.497	0.000	2.524	4.705
Total debt service (% of exports of goods, services and primary income)	0.0969	0.036	2.692	0.007	0.026	0.167

Omnibus:	98.343	Durbin-Watson:	2.174
Prob(Omnibus):	0.000	Jarque-Bera (JB):	349.443
Skew:	1.791	Prob(JB):	1.32e-76
Kurtosis:	7.845	Cond. No.	34.9

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 17.84865849613254
LM P-Value: 0.00013311072622872048
F Statistic: 9.54602046697506
F P-Value: 0.00010439370378080204

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.029
Model:	OLS	Adj. R-squared:	0.025
Method:	Least Squares	F-statistic:	7.414
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.00693
Time:	19:44:42	Log-Likelihood:	-724.92
No. Observations:	253	AIC:	1454.
Df Residuals:	251	BIC:	1461.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.6488	0.409	13.798	0.000	4.842	6.455
Total reserves in months of imports	-0.2397	0.088	-2.723	0.007	-0.413	-0.066

Omnibus:	132.875	Durbin-Watson:	2.006
Prob(Omnibus):	0.000	Jarque-Bera (JB):	575.959
Skew:	2.235	Prob(JB):	8.55e-126
Kurtosis:	8.886	Cond. No.	7.29

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 3.97260171840617
LM P-Value: 0.13720201747048594
F Statistic: 1.994058558324796
F P-Value: 0.1383013011649641

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.042
Model:	OLS	Adj. R-squared:	0.039
Method:	Least Squares	F-statistic:	17.07
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	4.83e-05
Time:	19:44:42	Log-Likelihood:	-781.48
No. Observations:	267	AIC:	1567.
Df Residuals:	265	BIC:	1574.
Df Model:	1		
Covariance Type:	HC3		

	coef	std err	z	P>|z|	[0.025	0.975]
const	7.0798	0.619	11.441	0.000	5.867	8.293
Trade (% of GDP)	-0.0253	0.006	-4.132	0.000	-0.037	-0.013

Omnibus:	124.111	Durbin-Watson:	2.131
Prob(Omnibus):	0.000	Jarque-Bera (JB):	447.394
Skew:	2.040	Prob(JB):	7.07e-98
Kurtosis:	7.854	Cond. No.	180.

Notes:
[1] Standard Errors are heteroscedasticity robust (HC3)

White Test Results:

LM Statistic: 4.75810072187491
LM P-Value: 0.09263850889894076
F Statistic: 2.39499979605234
F P-Value: 0.09315116079850287

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.008
Model:	OLS	Adj. R-squared:	0.004
Method:	Least Squares	F-statistic:	1.820
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.179
Time:	19:44:43	Log-Likelihood:	-539.31
No. Observations:	224	AIC:	1083.
Df Residuals:	222	BIC:	1089.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	4.2302	0.295	14.337	0.000	3.649	4.812
Unemployment, total (% of total labor force) (modeled ILO estimate)	-0.0433	0.032	-1.349	0.179	-0.107	0.020

Omnibus:	66.735	Durbin-Watson:	1.746
Prob(Omnibus):	0.000	Jarque-Bera (JB):	122.774
Skew:	1.565	Prob(JB):	2.19e-27
Kurtosis:	4.831	Cond. No.	15.2

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 1.567457892511218
LM P-Value: 0.45669982304503143
F Statistic: 0.7786814621701839
F P-Value: 0.46026602467782296

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.017
Model:	OLS	Adj. R-squared:	0.010
Method:	Least Squares	F-statistic:	2.329
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.129
Time:	19:44:43	Log-Likelihood:	-339.16
No. Observations:	134	AIC:	682.3
Df Residuals:	132	BIC:	688.1
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	3.7230	0.433	8.595	0.000	2.866	4.580
Unemployment, total (% of total labor force) (national estimate)	0.0648	0.042	1.526	0.129	-0.019	0.149

Omnibus:	46.757	Durbin-Watson:	1.957
Prob(Omnibus):	0.000	Jarque-Bera (JB):	87.331
Skew:	1.609	Prob(JB):	1.09e-19
Kurtosis:	5.299	Cond. No.	16.8

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 0.926346709636295
LM P-Value: 0.6292835337194846
F Statistic: 0.4559558408514172
F P-Value: 0.634843874545516

Regression Summary:

OLS Regression Results

Dep. Variable:	length_db	R-squared:	0.006
Model:	OLS	Adj. R-squared:	0.002
Method:	Least Squares	F-statistic:	1.553
Date:	Sun, 27 Aug 2023	Prob (F-statistic):	0.214
Time:	19:44:43	Log-Likelihood:	-712.89
No. Observations:	242	AIC:	1430.
Df Residuals:	240	BIC:	1437.
Df Model:	1		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
const	5.4394	0.378	14.399	0.000	4.695	6.184
ln_Use of IMF credit (DOD, current US$)	-0.0208	0.017	-1.246	0.214	-0.054	0.012

Omnibus:	122.338	Durbin-Watson:	2.193
Prob(Omnibus):	0.000	Jarque-Bera (JB):	481.278
Skew:	2.167	Prob(JB):	3.10e-105
Kurtosis:	8.380	Cond. No.	28.8

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

White Test Results:

LM Statistic: 4.5334495498564165
LM P-Value: 0.10365110545098723
F Statistic: 2.2813622389380717
F P-Value: 0.10436521372831786